EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"JP 2002-361192"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 16:39
L2	25	"JP" and "361192"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 16:39
L3	2	"JP 2002361192"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 16:40
S1	558	("15".clas.) and (jet blow) and (spiral helic$3 votex helix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:29
S2	66	("15".clas.) and (jet blow) with (spiral helic$3 votex helix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:31
S3	66	("15".clas.) and ((jet nozzle blow$4).ti.) and ((spiral helic $3 votex helix) with (air flow blow$4))\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:32
S4	66	("15".clas.) and ((jet nozzle blow$4).ti.) and ((spiral helic $3 votex helix) with (air flow blow$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:55
S5	58	S4 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:32
S6	2	("15".clas.) and (((jet nozzle blow$4) and (spiral helic$3 votex helix)).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:56
S7	1322	(((jet nozzle blow$4) and (spiral helic$3 votex helix)).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:57
S8	339	(((jet nozzle blow$4) and (spiral helic$3 votex helix) and (air flow)).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:57

S9	3	(((jet nozzle blow$4) and (spiral helic$3 votex helix) and (air flow)).ti.) and (chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:57
S10	3	(((jet nozzle blow$4) and (spiral helic$3 votex helix) and (air flow)).ti.) and (chip$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 09:57
S11	14	(((jet nozzle blow$4) and (spiral helic$3 votex helix) and (air flow)).ti.) and (chip$2 shavings cutting$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 10:44
S14	1	10/566921.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/26 11:12
S15	253	(((jet nozzle blow$4) and (spiral helic$3 votex helix)).ti.) and (clean$4 machin$4 ships cuttings shavings)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/27 13:37
S16	4	("2694603").URPN.	USPAT	OR	OFF	2008/06/27 14:31
S17	20	("0551875" | "0887302" | "2017467" | "2329711" | "2407915" | "2560799" | "3684019" | "4655394").PN. OR ("5639029").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/30 09:43
S18	9	("2017467" | "2329711" | "551875").URPN.	USPAT	OR	OFF	2008/06/30 09:48
S19	630	15/304.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 09:58
S20	61	15/304.ccls. and (spiral$4 helic $4 helix vortex helicoid$4 volut $4 twist$4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:01
S21	114	15/304.ccls. and (screw)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:01
S22	229	15/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:41
S23	21	S22 and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist $4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:41

S24	17	("2027543" | "3075227" | "3238557" | "3963515" | "4915245" | "5253538" | "5924823" | "6687951" | "6689225" | "6719830" | "6771371" | "6811687" | "6957472" | "7111797").PN.	US-PGPUB, USPAT; USOCR	OR	OFF	2008/06/30 10:49
S25	70	15/345.ccls. and (spiral$4 helic $4 helix vortex helicoid$4 volut $4 twist$4 whorl$4 corkscrew)	US-PGPUB, USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:52
S26	20	15/406.ccls. and (spiral$4 helic $4 helix vortex helicoid$4 volut $4 twist$4 whorl$4 corkscrew)	US-PGPUB, USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 10:58
S27	83	15/405.ccls. and (spiral$4 helic $4 helix vortex helicoid$4 volut $4 twist$4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:03
S28	79	S27 not (S20 S23 S25 S26)	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:04
S29	237	239/489.ccls.	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:24
S30	0	("1504864").URPN.	USPAT	OR	OFF	2008/06/30 11:35
S31	0	("1504864").URPN.	USPAT	OR	OFF	2008/06/30 11:35
S32	0	239/522,523ccls.	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:43
S33	541	239/522,523.ccls.	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:43
S34	339	239/518.ccls.	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:43
S35	407	239/498.ccls.	US-PGPUB; USPAT; USOCR, EPO; JPO; DERWENT	OR	OFF	2008/06/30 11:44
S36	3	("2465420").URPN.	USPAT	OR	OFF	2008/06/30 11:47
S37	0	("1034557").URPN.	USPAT	OR	OFF	2008/06/30 11:55

S38	53	239/501.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 12:01
S39	14	("2804341").URPN.	USPAT	OR	OFF	2008/06/30 12:04
S40	339	239/518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:12
S41	541	239/522,523.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:14
S42	859	S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:14
S43	77	S42 and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist $4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:14
S44	26	("2568875" | "2797423" | "3259380" | "3273872" | "3281133" | "3556737" | "3824080" | "4126540" | "4133645" | "4159291" | "4669890" | "4808350" | "5013491" | "5135684" | "5254292").PN. OR ("5403561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/30 13:22
S45	1	("2797423").URPN.	USPAT	OR	OFF	2008/06/30 13:24
S46	15	("0621480" | "1667943" | "2172193" | "3347471").PN. OR ("4011996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/30 13:28
S47	57	239/482.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:44
S48	73	239/483.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:45
S49	299	239/487.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:45
S50	237	239/489.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:46

S51	7	("2134347").URPN.	USPAT	OR	OFF	2008/06/30 13:56
S52	0	("7096964").URPN.	USPAT	OR	OFF	2008/06/30 13:56
S53	128	S47 S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 13:59
S54	5	("1494675").URPN.	USPAT	OR	OFF	2008/06/30 14:02
S55	410	239/504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:19
S56	282	239/493.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:24
S57	184	239/491.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:38
S58	194	239/490.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:38
S59	0	("201555").URPN.	USPAT	OR	OFF	2008/06/30 14:45
S60	125	239/502.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:50
S61	289	239/500.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:56
S62	26	S61 and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist $4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:57
S63	123	239/601.ccls. and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist$4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 14:59
S64	14	("2804341").URPN.	USPAT	OR	OFF	2008/06/30 15:01
S65	14	("2804341").URPN.	USPAT	OR	OFF	2008/06/30 15:01
S66	2	("RE23413").URPN.	USPAT	OR	OFF	2008/06/30 15:08

S67	2	("1549537").URPN.	USPAT	OR	OFF	2008/06/30 15:09
S68	789	239/463,466,467,472.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 15:13
S69	264	S68 and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist $4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 15:13
S70	34	S55 and (spiral$4 helic$4 helix vortex helicoid$4 volut$4 twist $4 whorl$4 corkscrew)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/30 15:14
S71	30	("1860347" | "1947866" | "2216846" | "3297305" | "3663154" | "3844707" | "4013395" | "4014470" | "4034965" | "4179222").PN. OR ("4255124").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 09:22
S72	8	("1860347").URPN.	USPAT	OR	OFF	2008/07/01 09:23
S73	4	("2216846").URPN.	USPAT	OR	OFF	2008/07/01 09:26
S74	67	("1191621" | "2110365" | "2553130" | "2659427" | "2840185" | "2965271" | "2984421" | "20050051642" | "3008652" | "3213919" | "3785560" | "4365758" | "5058809" | "5639029" | "5853129" | "0579371" | "6010330").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 09:37
S75	27	("1191621" | "2110365" | "2553130" | "2659427" | "2840185" | "2965271" | "2984421" | "20050051642" | "3008652" | "3213919" | "3785560" | "4365758" | "5058809" | "5639029" | "5853129" | "0579371" | "6010330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 09:39
S76	6	("3780952" | "4510874" | "4667877" | "6196831" | "6338439" | "6378788").PN. OR ("7185830").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 10:19
S77	1	("2518116").URPN.	USPAT	OR	OFF	2008/07/01 10:38
S78	1	10/566921.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 10:40

S79	0	("1369621").URPN.	USPAT	OR	OFF	2008/07/01 10:42
S80	4	("1598352").URPN.	USPAT	OR	OFF	2008/07/01 11:41
S81	21	("2804341" | "4304573" | "4347126" | "4347127").PN. OR ("4514291").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 11:42
S82	0	("201555").URPN.	USPAT	OR	OFF	2008/07/01 11:48
S83	2	("1549537").URPN.	USPAT	OR	OFF	2008/07/01 11:49
S84	12	("1893210").URPN.	USPAT	OR	OFF	2008/07/01 11:51
S85	87	(US-20040035953-$ or US-20070266521-$ or US-20050001066-$ or US-20070125883-$).did. or (US-4514291-$ or US-2017467-$ or US-0551875-$ or US-5639029-$ or US-3680793-$ or US-4685480-$ or US-3963515-$ or US-2962228-$ or US-1504864-$ or US-2587140-$ or US-1409433-$ or US-5894995-$ or US-1205563-$ or US-1150376-$ or US-0425165-$ or US-2558057-$ or US-1034557-$ or US-1763912-$ or US-3920187-$ or US-2804341-$ or US-2518116-$ or US-1549537-$ or US-5403561-$ or US-4011996-$ or US-2172193-$ or US-2188794-$).did. or (US-3666183-$ or US-2034867-$ or US-2134347-$ or US-1493795-$ or US-5058808-$ or US-1539784-$ or US-1494675-$ or US-1102352-$ or US-1040827-$ or US-5927611-$ or US-2249482-$ or US-5067655-$ or US-2019815-$ or US-1408521-$ or US-0201555-$ or US-4660772-$ or US-4255124-$ or US-1860347-$ or US-5810259-$ or US-1947866-$).did. or (US-2694603-$ or US-1893210-$ or US-2465420-$ or US-1369621-$ or US-1598352-$ or US-2797423-$ or US-2203029-$ or US-2305210-$ or US-2407915-$ or US-2321428-$ or US-2804341-$ or US-2329711-$ or US-RE23413-$ or US-1549537-$ or US-3054563-$ or US-1745329-$ or US-2017467-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/07/01 11:56

| | | $).did. or (DE-3718971-$).did. or (JP-05185400-$ or JP-10311264-$ or JP-2000334394-$ or EP-383556-$ or DE-202006011075-U-$ or SU-470303-$ or SU-1040111-$ or WO-2004037512-A-$ or US-4650567-$ or JP-2000096679-$ or JP-2000087428-$ or JP-2004283811-$ or US-5334008-$ or DE-3408882-$ or JP-2002102813-$ or JP-03053525-$ or JP-06235123-$ or JP-2000326895-$ or WO-9633909-A-$ or CN-1817477-$ or WO-2006085081-A-$ or SU-1688950-A-$ or RU-2050991-C-$ or JP-04057928-$ or JP-2006187707-$).did. | | | | | |
| S86 | 29 | S85 and (angle angles degree degrees slope slant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/07/01 11:57 |

1/4/09 4:52:50 PM
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